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aiding in the infusion of said composition into said at least one cell, wherein the concentration of said substance is greater than 30% of said composition;

- (b) contacting said at least one cell in said sample with said composition;
- (c) incubating said sample with said composition for an effective period of time and at an effective temperature; and
- (d) obtaining said at least one cell with stabilized structure and nucleic acids in said sample.
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13. (Amended) A method for stabilizing the structure and nucleic acids of at least one cell in a sample, wherein said method comprises:

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- (a) adding to a vessel containing the sample, a composition comprising [an effective concentration of]:
- (i) a first substance [capable of] having a concentration effective for precipitating or denaturing proteins, comprising at least one alcohol or ketone; and
- (ii) a second facilitator substance [to aid] having a concentration effective for aiding in the infusion of the first substance into said at least one cell, wherein the combined concentration of said first and second substances is greater than 30% of said composition;
- (b) contacting said at least one cell in said sample with said composition;
- (c) incubating said sample with said composition for an effective period of time and at an effective temperature;
- (d) obtaining said at least one cell with stabilized structure and nucleic acids in said sample.
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REMARKS

Claims 1- 32 are in the present application.